

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028144.D
 Acq On : 15 Nov 2018 01:19
 Operator : MD/SY
 Sample : J5943-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH5

Quant Time: Nov 15 07:32:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	134021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	129212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60348	5.00	ug/L	0.00

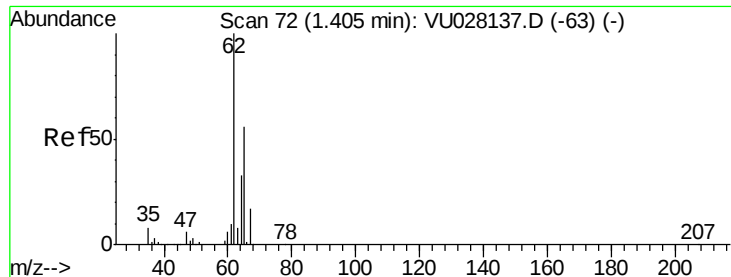
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47923	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	40504	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.28	63	70101	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.22	46	177403	55.00	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	4.65	84	84993	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.31	65	49893	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	178100	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	66437	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.57	98	158059	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	19456	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	140493	51.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47661	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	55065	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	7680	0.535	ug/L 85
13) Acetone	2.36	43	5818	2.678	ug/L 96
18) trans-1,2-Dichloroethene	2.98	96	4857	0.513	ug/L 95
22) cis-1,2-Dichloroethene	4.23	96	11127	1.065	ug/L 96
33) Benzene	5.39	78	7299	0.168	ug/L 100
34) Trichloroethene	6.20	95	1911	0.178	ug/L 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5

Vinyl chloride

Concen: 0.535 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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ClientSampleId :

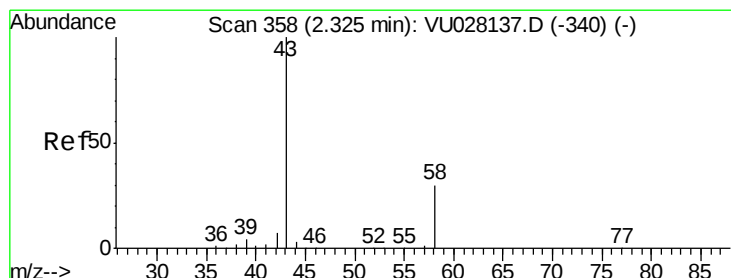
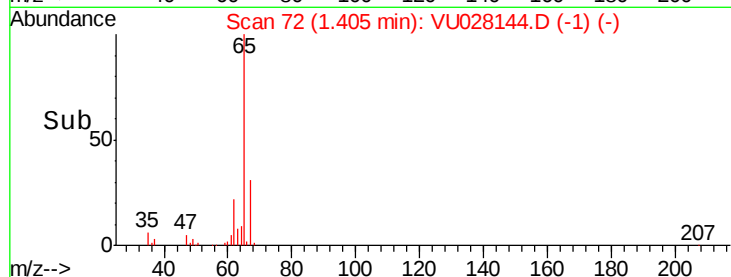
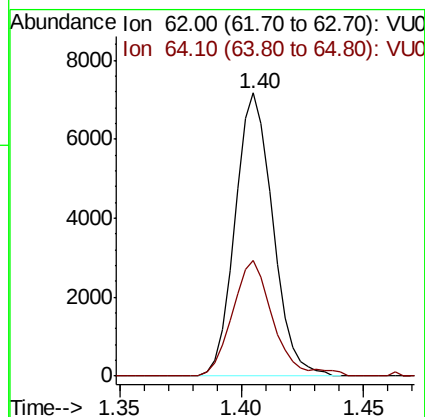
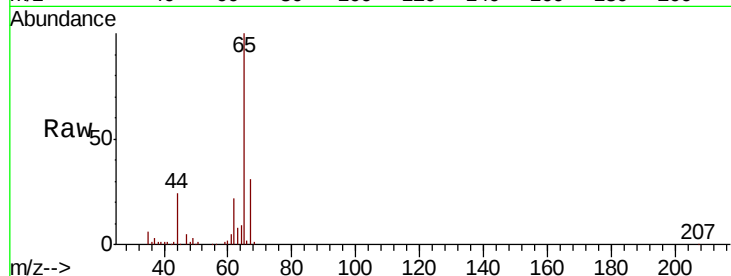
H0FH5

Tot Ion: 62 Resp: 7680

Ion Ratio Lower Upper

62 100

64 40.9 22.7 42.3



#13

Acetone

Concen: 2.678 ug/L

RT: 2.36 min Scan# 369

Delta R.T. 0.04 min

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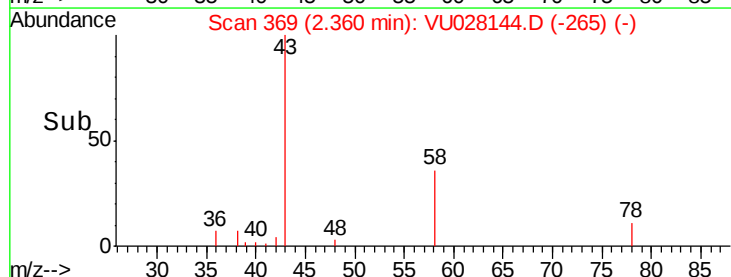
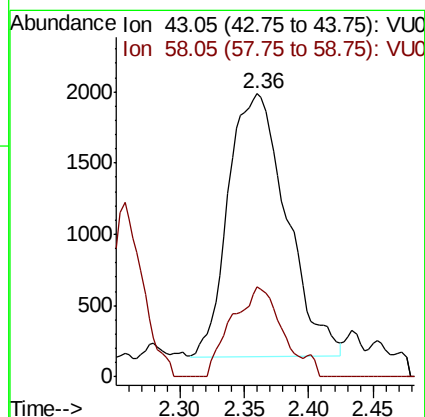
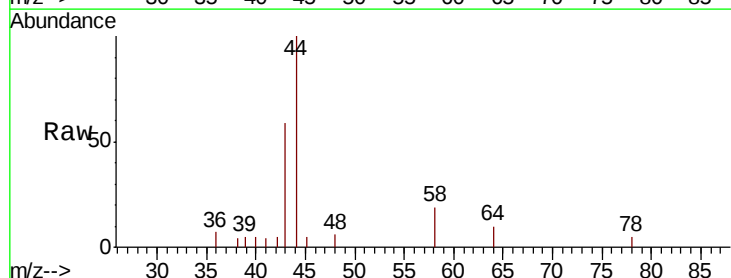
Acq: 15 Nov 2018 01:19

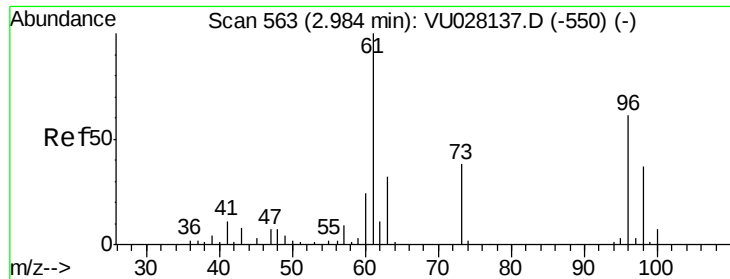
Tgt Ion: 43 Resp: 5818

Ion Ratio Lower Upper

43 100

58 28.5 0.0 61.6

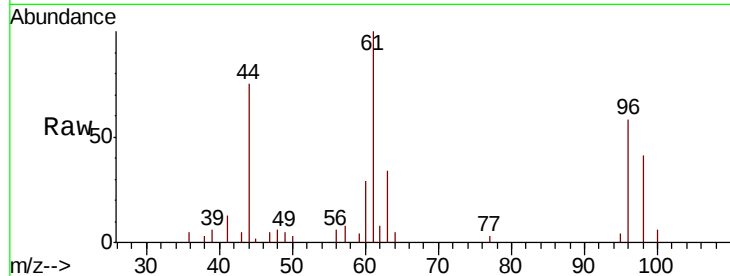




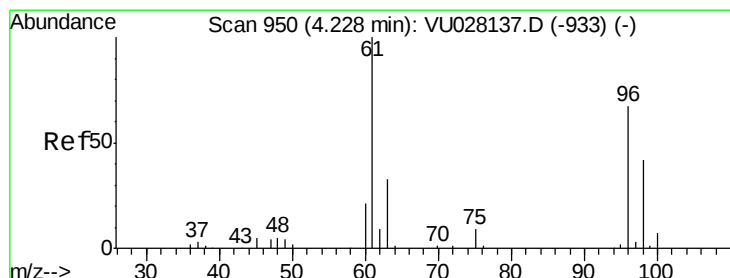
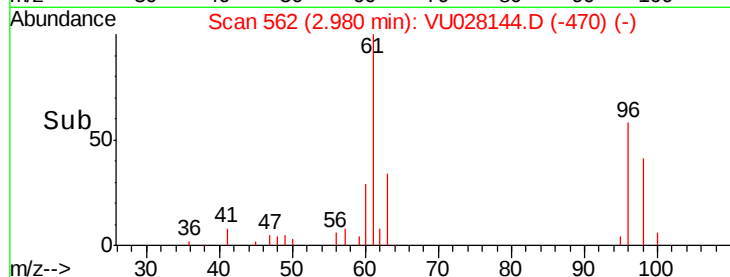
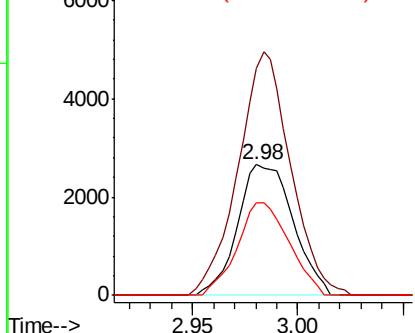
#18
trans-1,2-Dichloroethene
Concen: 0.513 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028144.D
Acq: 15 Nov 2018 01:19

Instrument :
MSVOA_U
ClientSampleId :
H0FH5

Tot Ion: 96 Resp: 4857
Ion Ratio Lower Upper
96 100
61 173.7 118.5 220.1
98 71.0 44.9 83.5

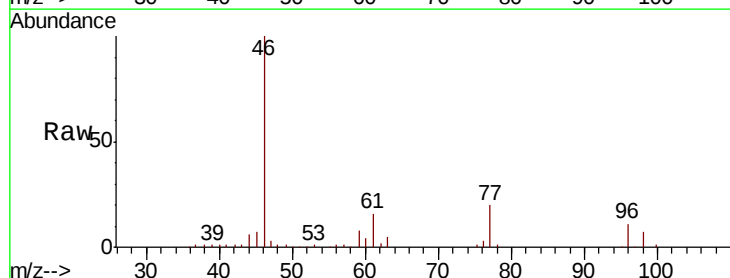


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

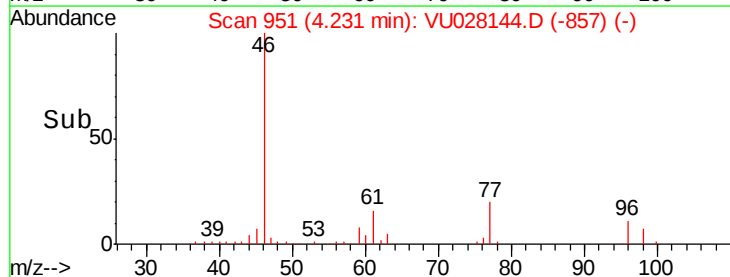
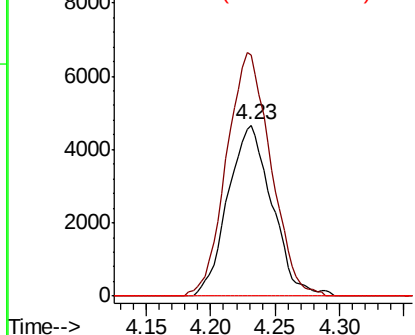


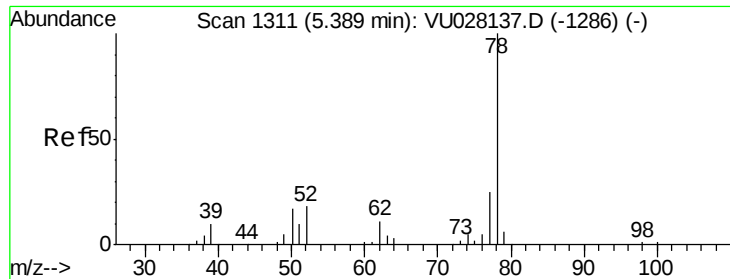
#22
cis-1,2-Dichloroethene
Concen: 1.065 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028144.D
Acq: 15 Nov 2018 01:19

Tgt Ion: 96 Resp: 11127
Ion Ratio Lower Upper
96 100
61 140.5 101.8 189.0
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#33

Benzene

Concen: 0.168 ug/L

RT: 5.39 min Scan# 1312

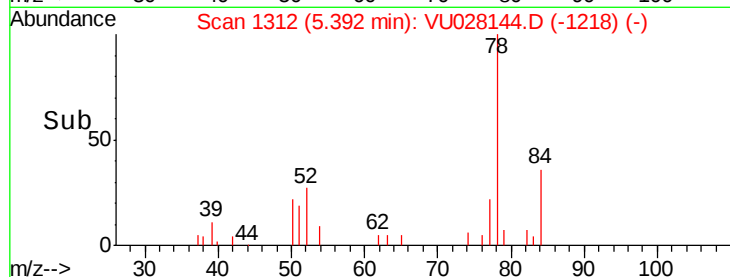
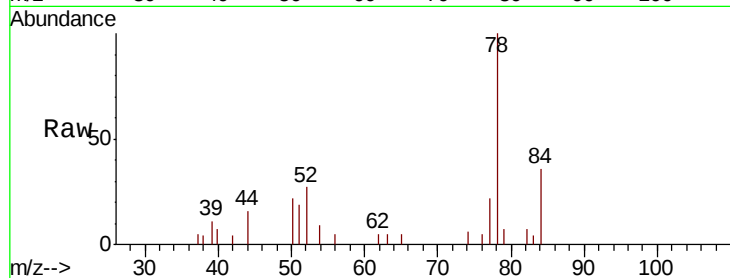
Delta R.T. 0.00 min

Lab File: VU028144.D

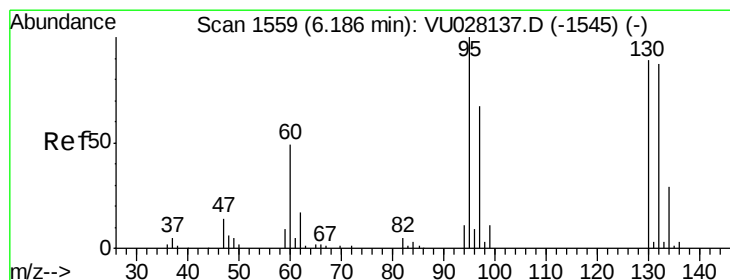
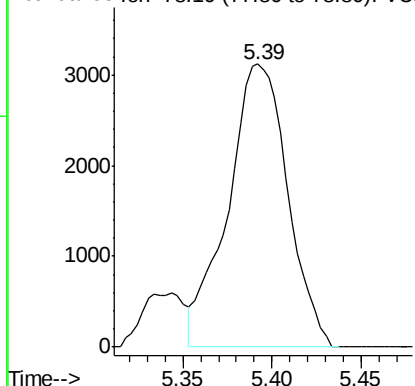
Acq: 15 Nov 2018 01:19

Instrument :
MSVOA_U
ClientSampled :
H0FH5

Tgt Ion: 78 Resp: 7299



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.178 ug/L

RT: 6.20 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VU028144.D

Acq: 15 Nov 2018 01:19

Tgt Ion: 95 Resp: 1911

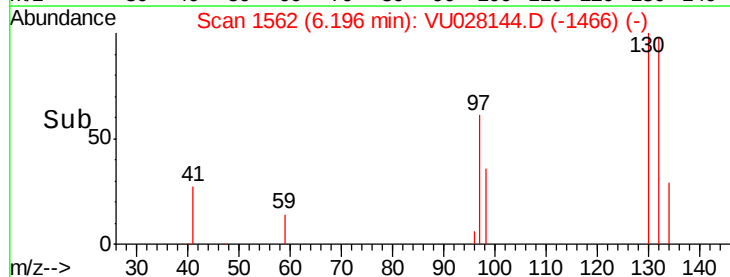
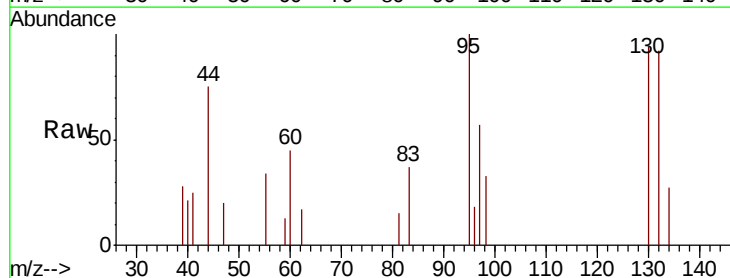
Ion	Ratio	Lower	Upper
95	100		
97	56.6	45.3	84.1
132	92.0	63.0	117.0
130	93.5	63.6	118.2

95 100

97 56.6 45.3 84.1

132 92.0 63.0 117.0

130 93.5 63.6 118.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

